

**CLASSIFICATION:** BOILER INSPECTOR

**Class Code:** 1148-28

**Date Established:** 01-01-83

**Occupational Code:** 3-1-3

**Date of Last Revision:** 01-27-16

**Exempt Status:** Non-Exempt

**BASIC PURPOSE:** To provide statewide inspection of boilers, unfired pressure vessels and similar equipment, renders decisions in accordance with the codes, rules, and regulations as to equipment safety and recommends certificate issuance.

**CHARACTERISTIC DUTIES AND RESPONSIBILITIES:**

- Conducts inspections of boilers, unfired pressure vessels and related equipment to determine if water connections, electrical connections, safety valves, and related items, are in proper working order and meet the standards under existing laws, rules, and regulations.
- Prepares inspection reports, complex technical summaries, and makes recommendations to the Chief Boiler Inspector and Commissioner of Labor regarding for issuance of operating certificates.
- Inspects drawings, designs, and specifications for boilers and other vessels. Discusses deficiencies in fabrication, installation, and maintenance with owner/users as necessary to correct violations and ensure safety standards.
- Condemns boilers or unfired pressure vessels subsequent to declaring them unsafe or disqualified by legal requirements.
- Examines permits and inspection records to determine that inspection schedule and remedial actions conform to procedures and regulations. Maintains adequate records to ensure that all boilers and unfired pressure vessels are inspected on an appropriate schedule.
- Provides input and recommendations on rules or legislation through knowledge of past performance and forecasting trends for review by the Commissioner of Labor.
- Maintains complex technical knowledge regarding uniformity of construction, installation, inspection, and repair of boilers and other pressure vessels.
- Appears and testifies in the hearing process for the Department of Labor, relating to inspection findings.

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**DISTINGUISHING FACTORS:**

**Skill:** Requires skill in analyzing and interpreting data, policy and procedures OR in using equipment in order to arrive at logical conclusions or recommendations.

**Knowledge:** Requires logical or scientific expertise to resolve problems of a specialized or professional nature in a wide range of applications.

**Impact:** Requires responsibility for achieving direct service objectives by assessing agency service needs and making preliminary recommendations for the development of alternative short-term program policies or procedures. Errors at this level result in incomplete assessments or misleading recommendations causing a disruption of agency programs or policies.

**Supervision:** Requires direct supervision of other employees doing related or similar work, including scheduling work, recommending leave, reviewing work for accuracy, performance appraisal, or interviewing applicants for position vacancies.

**Working Conditions:** Requires performing regular job functions in an adverse working environment containing a combination or disagreeable elements which impact significantly upon the employee's capacity for completing work assignments. This level includes work-related accidents or assault.

**Physical Demands:** Requires medium to heavy work, including continuous physical exertion such as frequent bending, lifting, or climbing.

**Communication:** Requires reviewing summaries and reports and making decisions to solve problems or to achieve work objectives as well as articulating and expressing those solutions and goals. This level also requires formal presentations of solutions and goals to employees and the general public to increase the responsiveness of the agency toward the demands of its client system.

**Complexity:** Requires formulating the combination of overall job functions in order to address highly diverse or novel situations requiring new concepts and imaginative approaches to a wide range of intellectual and practical problems.

**Independent Action:** Requires independent judgment in planning and evaluating work procedures and in supervising the development of professional, technical and managerial standards under administrative direction and according to broad departmental guidelines.

#### **MINIMUM QUALIFICATIONS:**

**Education:** Bachelor's degree from a recognized college or university with major study in engineering or in a field that would provide background and training concerned with the construction and inspection of boilers and unfired pressure vessels. Each additional year of approved formal education may be substituted for one year of required work experience.

**Experience:** Four years' experience in performing inspections of boilers and unfired pressure vessels. Each additional year of approved work experience may be substituted for one year of required formal education.

**License/Certification:** Must hold or have held a National Board Commission as an Inspector of boilers issued by the National Board of Boiler and Pressure Vessel Inspectors. Must possess a valid New Hampshire driver's license.

#### **SPECIAL REQUIREMENTS:**

1. The Boiler Inspector shall not engage in the sale of any article or device relating to boilers or their appurtenances.
2. The Boiler Inspector must be able to maintain effective working relationships with Federal, State, and business officials, business owners, and the public.

**RECOMMENDED WORK TRAITS:** Thorough knowledge of all types of boilers, unfired pressure vessels and related equipment. Thorough knowledge of codes and inspection procedures as established by the American Society of Mechanical Engineers and the National Board of Boiler and Pressure Vessel Inspectors. Extensive knowledge of state statutes and rules and regulations of the State Department of Labor as regards the inspection of boilers and unfired pressure vessels. Ability to conduct inspections and prepare reports required by the Commissioner of Labor. Ability to meet the public and establish rapport with owners and operators of businesses having boilers and unfired pressure vessels requiring inspection. Ability to conduct inspections and investigations and to write reports. Ability to provide consultation and advice and to discern appropriate formulas and codes for complex applications. Must be willing to maintain appearance appropriate to assigned duties and responsibilities as determined by the agency appointing authority.

**DISCLAIMER STATEMENT:** This class specification is descriptive of general duties and is not intended to list every specific function of this class title.